

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENING ELEMENT ✓

the specification of which

_____ is attached hereto.

X was filed on April 4, 2005 as ✓

United States Application Number 10/530,200 ✓

or PCT International Application Number PCT/EP2003/010828 ✓

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>		<u>Priority Claimed</u>
<u>102 46 028.0</u> ✓ (Number)	<u>Germany</u> (Country)	<u>2/October/2002</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No
<u>103 38 394.8</u> ✓ (Number)	<u>Germany</u> (Country)	<u>21/August/2003</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

_____ (Application Number)	_____ Filing Date
-------------------------------	----------------------

_____ (Application Number)	_____ Filing Date
-------------------------------	----------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

Rec'd PCT/PTO 07 DEC 2005

10/530200

I hereby appoint the practitioners associated with customer number 020457 with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

CUSTOMER NUMBER: 020457
ANTONELLI TERRY STOUT & KRAUS, LLP
1300 North Seventeenth Street
Suite 1800
Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600

FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00 Full Name of Sole/First Inventor Uwe Brede

Inventor's Signature Uwe Brede

Date October 10, 2005

Residence 90765 Fuerth, Germany

(City, State)

Citizenship German

(Country)

Post Office Address Boenerstr. 32, 90765 Fuerth, Germany

Full Name of Second/Joint Inventor Heinrich Lorenz

Inventor's Signature _____

Date _____

Residence 38448 Wolfsburg, Germany

(City, State)

Citizenship German

(Country)

Post Office Address Stendaler Str. 61, 38448 Wolfsburg, Germany

Full Name of Third/Joint Inventor Henning Jacob

Inventor's Signature _____

Date _____

Residence 29386 Hankersbüttel, Germany

(City, State)

Citizenship German

(Country)

Post Office Address Weinberg 7, 29386 Hankersbüttel, Germany

Full Name of Fourth/Joint Inventor Ulrich Kempe

Inventor's Signature _____

Date _____

Residence 38100 Braunschweig, Germany

(City, State)

Citizenship German

(Country)

Post Office Address Kaiserstr. 8, 38100 Braunschweig, Germany

Rec'd PCT/PTO 07 DEC 2005

10/530200

Full Name of Fifth/Joint Inventor Udo Kautz

Inventor's Signature U. Kautz

Date

20.10.2005

Residence 38165 Lehre, Germany

Citizenship German

(City, State)

(Country)

Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany

Full Name of Sixth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Seventh/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Eighth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

10/530200

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENING ELEMENT ✓

the specification of which

is attached hereto.

X was filed on April 4, 2005 as

United States Application Number 10/530,200

or PCT International Application Number PCT/EP2003/010828 ✓

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>		<u>Priority Claimed</u>
<u>102 46 028.0</u> ✓ (Number)	<u>Germany</u> (Country)	<u>2/October/2002</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No
<u>103 38 394.8</u> ✓ (Number)	<u>Germany</u> (Country)	<u>21/August/2003</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

_____ (Application Number)	_____ Filing Date
-------------------------------	----------------------

_____ (Application Number)	_____ Filing Date
-------------------------------	----------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

Rec'd PCT/PTO 07 DEC 2005
10/530200

I hereby appoint the practitioners associated with (customer number 020457) with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

CUSTOMER NUMBER: 020457
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 North Seventeenth Street
Suite 1800
Arlington, VA. 22209

Direct all telephone calls and faxes to:

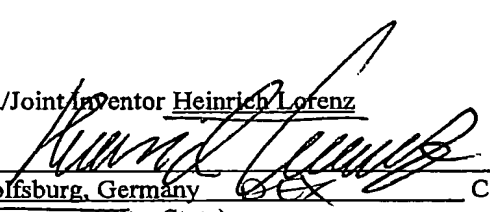
TEL: (703) 312-6600
FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Uwe Brede

Inventor's Signature _____ Date _____
Residence 90765 Fuerth, Germany Citizenship German
(City, State) (Country)
Post Office Address Boenerstr. 32, 90765 Fuerth, Germany

200 Full Name of Second/Joint Inventor Heinrich Lorenz

Inventor's Signature  Date 30.11.2005
Residence 38448 Wolfsburg, Germany Citizenship German
(City, State) (Country)
Post Office Address Stendaler Str. 61, 38448 Wolfsburg, Germany

Full Name of Third/Joint Inventor Henning Jacob

Inventor's Signature _____ Date _____
Residence 29386 Hankersbüttel, Germany Citizenship German
(City, State) (Country)
Post Office Address Weinberg 7, 29386 Hankersbüttel, Germany

Full Name of Fourth/Joint Inventor Ulrich Kempe

Inventor's Signature _____ Date _____
Residence 38100 Braunschweig, Germany Citizenship German
(City, State) (Country)
Post Office Address Kaiserstr. 8, 38100 Braunschweig, Germany

Rec'd PCT/PTO 07 DEC 2005
10/530200

Full Name of Fifth/Joint Inventor Udo Kautz

Inventor's Signature *U. Kautz*

Date 20.10.2005

Residence 38165 Lehre, Germany

Citizenship German

(City, State)

(Country)

Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany

Full Name of Sixth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Seventh/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Eighth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENING ELEMENT

the specification of which

_____ is attached hereto.
X was filed on April 4, 2005 as
 United States Application Number 10/530,200
 or PCT International Application Number PCT/EP2003/010828
 and was amended on _____
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>		<u>Priority Claimed</u>
<u>102 46 028.0</u> ✓ (Number)	<u>Germany</u> ✓ (Country)	<u>2/October/2002</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No
<u>103 38 394.8</u> ✓ (Number)	<u>Germany</u> ✓ (Country)	<u>21/August/2003</u> ✓ (Day/Month/Year Filed)
		<u>X</u> Yes No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

_____ (Application Number)	_____ Filing Date
_____ (Application Number)	_____ Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)

10/530200

I hereby appoint the practitioners associated with customer number 020457 with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

CUSTOMER NUMBER: 020457
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 North Seventeenth Street
Suite 1800
Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600
FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Uwe Brede

Inventor's Signature _____ Date _____
 Residence 90765 Fuerth, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Boenerstr. 32, 90765 Fuerth, Germany

Full Name of Second/Joint Inventor Heinrich Lorenz

Inventor's Signature _____ Date _____
 Residence 38448 Wolfsburg, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Stendaler Str. 61, 38448 Wolfsburg, Germany

300 Full Name of Third/Joint Inventor Henning Jacob

Inventor's Signature H. Jacob Date 27.10.05
 Residence 29386 Hankersbüttel, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Weinberg 7, 29386 Hankersbüttel, Germany

Full Name of Fourth/Joint Inventor Ulrich Kempe

Inventor's Signature _____ Date _____
 Residence 38100 Braunschweig, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Kaiserstr. 8, 38100 Braunschweig, Germany

Rec'd PCT/PTO 07 DEC 2005

10/530200

500 Full Name of Fifth/Joint Inventor Udo Kautz

Inventor's Signature [Signature]

Date 20.10.2005

Residence 38165 Lehre, Germany

(City, State)

Citizenship German

(Country)

Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany

Full Name of Sixth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

(City, State)

Citizenship _____

(Country)

Post Office Address _____

Full Name of Seventh/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

(City, State)

Citizenship _____

(Country)

Post Office Address _____

Full Name of Eighth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

(City, State)

Citizenship _____

(Country)

Post Office Address _____

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by 991.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
- or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

10/530200

I hereby appoint the practitioners associated with customer number 020457 with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

CUSTOMER NUMBER: 020457
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 North Seventeenth Street
Suite 1800
Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600
FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Uwe Brede

Inventor's Signature _____ Date _____
 Residence 90765 Fuerth, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Boenerstr. 32, 90765 Fuerth, Germany

Full Name of Second/Joint Inventor Heinrich Lorenz

Inventor's Signature _____ Date _____
 Residence 38448 Wolfsburg, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Stendaler Str. 61, 38448 Wolfsburg, Germany

Full Name of Third/Joint Inventor Henning Jacob

Inventor's Signature _____ Date _____
 Residence 29386 Hankersbüttel, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Weinberg 7, 29386 Hankersbüttel, Germany

400 Full Name of Fourth/Joint Inventor Ulrich Kempe

Inventor's Signature Kempe Date 19.10.05
 Residence 38100 Braunschweig, Germany Citizenship German
 (City, State) (Country)
 Post Office Address Kaiserstr. 8, 38100 Braunschweig, Germany

Rec'd PCT/PTO 07 DEC 2005

10/530200

Full Name of Fifth/Joint Inventor Udo Kautz

Inventor's Signature *U. Kautz*

Date 20.10.2005

Residence 38165 Lehre, Germany

Citizenship German

(City, State)

(Country)

Post Office Address Braunschweiger Str. 34, 38165 Lehre, Germany

Full Name of Sixth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Seventh/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

Full Name of Eighth/Joint Inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

(City, State)

(Country)

Post Office Address _____

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PYROMECHANICAL FASTENING ELEMENT ✓

the specification of which

_____ is attached hereto.

X was filed on April 4, 2005 as

United States Application Number 10/530,200 ✓

or PCT International Application Number PCT/EP2003/010828 ✓

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Claimed

<u>102 46 028.0</u> ✓ (Number)	<u>Germany</u> ✓ (Country)	<u>2/October/2002</u> ✓ (Day/Month/Year Filed)	<u>X</u> Yes No
<u>103 38 394.8</u> ✓ (Number)	<u>Germany</u> ✓ (Country)	<u>21/August/2003</u> ✓ (Day/Month/Year Filed)	<u>X</u> Yes No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

(Application Number) Filing Date

(Application Number) Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
-------------------------------	----------------------	--

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

